

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: lakeith@wrdis01.robins.af.mil (Larry Keith Mr)  
Subject: (Re)building Heathkits..  
Message-ID: <199509271653.LAA09677@wrdis01.robins.af.mil>

I certainly understand the thrill of finding an unbuilt Heathkit and the subsequent vacillation.. Build it or keep it, in the pristine state.. Build it? Keep it? What to do, what to do?

But, it would seem there is a happy medium.. At the next hamfest, buy any piece of Heath gear that you like. Just make sure that you get the manual. Take it home, tear it down, and rebuild it. After all, what other brand of gear comes with complete disassembly instructions in the form of an assembly manual.. And, as you rebuild it, you have the opportunity to test/replace every single component.

Just because Heath gave up the kit business is no reason for us to give up kit building...

Of course, I suggest that you refer to such rebuilt units as KeithKit's.. 8-)

73,

Larry, KQ4BY  
lakeith@robins.af.mil

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: "Ray L. Mote" <rmote@rain.org>  
Subject: Re: BA gear available...  
Message-ID: <Pine.SUN.3.91.950927061545.14751B-100000@coyote.rain.org>

The "Stromberg Carlson CT 46217 - \$100" mentioned in your post is a Navy Model RBS receiver, one of a pair, and covers 2 to 20 Mc. It requires 12 volts for the filaments, and about 200 volts at 76 mA for the plates (normally provided by an AC supply). With the exception of the large letters engraved in the knobs (A, B, C, etc.) on the RBS, this gear looks exactly like the RBM receivers. Both models used one receiver covering 200 Kc to 2 Mc and another covering 2-20 Mc. Each is a straight single-conversion superhet, nothing fancy, and (IMHO) not worth \$100 unless they're new in the box! But, to each his own... Have fun trying to find the connector to provide power thru the plug at the rear of the set. (I may have a spare, but would have to hunt for it after I retire this Friday.)

73.....Ray, W6RIC

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: michael.moore@24stex.com  
Subject: BA PRICES(OH,NO..NOT  
Message-ID: <9509271047.0F66J00@24stex.com>

W7>I did live in the '50s and I worked at Henry Radio in the '60s selling ham  
W7>gear at night while I worked at a Tektronix Service Center during the day.  
W7>Henry would carry their own contracts on ham equipment and we would

In late 1956 I was in High School and wanted a new Globe Scout 680 so bad I could taste it. Had my mother take me to Henry on Olympic Blvd in West L.A. and after a brief eyeball with Ted Henry was told I could buy one for \$5.00 down and \$3.00 per week. Only thing I needed was my ham license and my High School I.D. Mom didn't have to sign for me. Henry carried the whole thing and didn't ask to verify income. Mom had to take me in every week to make my payments and look at even more stuff. I remember the radio rooms stacked to the ceiling with collins gear, etc. (Drool). I think most of the dealers had some sort of factory sponsored financing back then but just about everyone sold at full bore list price (Amateur Net!).

Mike...K6SQJ

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Neal McEwen <nmcewen@metronet.com>  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)();>  
Message-ID: <199509262346.AA28830@metronet.com>

> I still think that there's a market for kit ham rigs today.  
I am not so sure about that. I think we live in an age of instant gratification. I don't think that there are very many young people that can set goals and achieve them. Most seem to want something and want it right now. Money is easier to come by than patience !!

--

73 de K5RW - Neal McEwen - Richardson, TX (Dallas)  
\*\*\*\*\* I collect old telegraph and wireless telegraph keys \*\*\*\*\*  
HomeNet - nmcewen@metronet.com - OS/2 tcp/ip SLIP  
HomePage - [http://fohnix.metronet.com/~nmcewen/techno\\_weenies.html](http://fohnix.metronet.com/~nmcewen/techno_weenies.html)

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: David Adams <dave@flowserver.stem.com>  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)(;>>  
Message-ID: <9509262357.AA06254@flowserver.stem.com>

Begin forwarded message:

>> I still think that there's a market for kit ham rigs today.  
> I am not so sure about that. I think we live in an age of instant  
>gratification. I don't think that there are very many young people  
>that can set goals and achieve them. Most seem to want something  
>and want it right now. Money is easier to come by than patience  
!!

As far as one's first rig, I would tend to agree. I certainly bought a completed rig (a heathkit hw-101 actually) when I got my license in 1993. Since then, however, I have been teaching myself to solder, finished an OHR 40m kit, am saving for a Norcal Sierra, a norcal cascade and, if it is ever released, the Ten-Tec 2m kit. This will not prove to be a bargain by any standards. I could walk into the rat shack and buy a cheaper radio with more features, but I want to use a radio that I built.

As far as actual homebrew, I have a goal of doing the impossible and am working on the design for a CCW 2m rig to help along the way...

There is certainly a viable market for kits today, just don't expect every new novice to want one...takes time...I certainly couldn't solder worth a darn and had no one to teach me, so I'm doubly proud of my kit...(...sure would like to get my hands on an unbuilt heath rig some day though)...

Dave

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: HAMRLUND@aol.com  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)(;>>  
Message-ID: <950926202352\_109801453@emout05.mail.aol.com>

In a message dated 95-09-26 20:11:21 EDT, dave@flowserver.stem.com (David Adams) writes:

>sure would like to get my hands on an  
>unbuilt heath rig some day though)...  
>  
>Dave  
>  
>

Wish I'd known that, a friend of mine picked and sold, an UNBUILT  
DX-100..(:-<  
it was still in an unopened boxes it came in...  
AAh such is life..all the best finds, after the fact. (:->

robert

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Michael.J.Knudsen@att.com  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)();>  
Message-ID: <9509261929.AA06453@bock.ih.att.com>

Right on -- I literally bought my station with my paper route,  
and it was all kits -- DX-40 and Knight R-100, plus VF-1 when my General  
came thru.

Dunno about kits today. There were close to a dozen kit companies back then,  
and none today. A human being cannot build at home the current electronics  
technology -- surface-mount ICs with pins a hair apart, etc.  
Ten years ago you could have (DIP ICs and all parts thru-hole). But the  
stuff I design and debug at the Labs can hardly be repaired or modified  
except in special shops, and I have to be careful inside my Sony SW portables.

How about something like an antenna tuner, with big components and hand-soldered  
wires? Maybe there's an opportunity to go after MFJ and Vectron.  
But the parts for those are themselves pretty costly, so the labor saving  
might not be a big part of the price.

I also have to point out that most electronics today are assembled by "robot"  
pick-n-place machines that stick all the parts on the PC board, after which it's  
run thru a soldering bath or hot-air reflow soldering. Untouched by human  
hands, literally.

For small, simple items (like a code practice oscillator) there is a nice little  
market. At any hamfest you can buy poly-bags of parts, a PC and instruction sheet  
to build something with 1970s technology, and very cheap. I bought such  
a CPO kit for \$10 Sunday.

Do any of the electronics magazines still include, with their construction

articles,  
a deal where you can buy the blank PC board, with or without all the parts?  
Popular Electronics, peace be upon it, used to.  
73, mike k w9nrd

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Steve Ellington <n4lq@iglou.com>  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)();>  
Message-ID: <Pine.SOL.3.91.950926214502.6188A-100000@iglou>

>  
> Wish I'd known that, a friend of mine picked and sold, an UNBUILT  
> DX-100..(:-<  
> it was still in an unopened boxes it came in...

Hmmm. If one of us got hold of an unbuilt DX100, would or should we  
assemble it? I doubt if I could resist the temptation. What about the  
long term value. I bet it will be worth a lot more than a 'built' rig 10  
years from now.

Steve  
n4lq@iglou.com

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Grant Youngman <gyoungma@gtetel.com>  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)();>  
Message-ID: <Chameleon.950926205624.gyoungma@gyoungma.gtetel.com>

>Wish I'd known that, a friend of mine picked and sold, an UNBUILT  
>DX-100..(:-<  
>it was still in an unopened boxes it came in...

Good grief! That must have been worth more than a KW-1/75A3 pair, both  
new-in-the-crate :-(

Grant/NQ5T

-----  
Grant Youngman -- NQ5T

Once upon a time (and maybe again): K5VCM  
and for a while W0JXE, KH6HHC, WB4BBD

gyoungma@gtetel.com

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From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: HAMRLUND@aol.com  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)();>  
Message-ID: <950926222333\_109915049@emout05.mail.aol.com>

In a message dated 95-09-26 22:15:44 EDT, dave@flowserver.stem.com (David Adams) writes:

don't know about kws-1/75a-4 combo grant.....  
dave, he sold it for only \$240.00

robert

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: "Hal R. Waite" <halwaite@netcom.com>  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)(;><  
Message-ID: <Pine.SUN.3.91.950926211906.29791B-100000@netcom17>

On Tue, 26 Sep 1995, Steve Ellington wrote:

> >  
> > Wish I'd known that, a friend of mine picked and sold, an UNBUILT  
> > DX-100..(:-<  
> > it was still in an unopened boxes it came in...  
>  
> Hmm. If one of us got hold of an unbuilt DX100, would or should we  
> assemble it? I doubt if I could resist the temptation. What about the

> long term value. I bet it will be worth a lot more than a 'built' rig 10  
> years from now.  
>  
> Steve  
> n4lq@iglou.com

I cannot understand the desire to find and preserve unbuilt Heathkits.  
The DX100 was not a quality rig and I remember hams having much  
difficulty with poor quality switches. It would be amusing to build and  
use but what is the pleasure of an unopened box?

About as much pleasure as marrying Liz Taylor and occupying separate  
bedrooms (that reference shows my age and, come to think of it, is not a  
valid analogy). Think about it!

Hal K4GFI/7 halwaite@netcom.com

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: scott@hpislst.1vld.hp.com  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)();>  
Message-ID: <199509271626.AA168269179@relay.hp.com>

> >picked and sold, an UNBUILT  
> >DX-100..(:-<  
> >it was still in an unopened boxes it came in...  
> >AAh such is life..all the best finds, after the fact. (:->  
> >  
> >robert  
> >

I almost cried when I read this. Then...

>  
> don't know about kws-1/75a-4 combo grant.....  
> dave, he sold it for only \$240.00

Oh my. Be still my heart.

BTW, someone else asked the question of whether it should be built.  
I'll admit to a selfish nature here. I wouldn't hesitate a second. I'd  
build it carefully, slowly and lovingly, but build it I would. The  
enjoyment I'd derive from both the building and the using would more  
than offset the loss in "collector" value once the kit was built.

Funny, I was just talking with another boatanchor enthusiast on this

very topic this morning. Time to go wipe the tears from my eyes.

Scott Turner KG0MR scott@lvld.hp.com

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Gary Pewitt <gpewitt@execpc.com>  
Subject: Book for trade  
Message-ID: <Pine.SOL.3.91.950926183848.15394A-100000@earth>

I just got a very clean copy of "Precision Measurement and Calibration Electricity and Electronics" Handbook 77 by Us Dept of Commerce National Bureau of Standards issued Feb 1961.

840 pages many diagrams and illustrations. Just the thing for some of the more technicaly oriented members of the list.

I'd like to trade it for a VFO that will work with my Knight T60 trans..  
I'm open to other trades. How about an HQ-180A? :^)  
73 all de Gary N9ZSV

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: jml@spider.lloyd.com (Jim Lockwood)  
Subject: Re: Cleaning BAs  
Message-ID: <m0sxyce-000TrcC@spider.lloyd.com>

At 08:28 PM 9/22/95 -0500, Sandra L Knepper wrote:  
> And, Krylon clear spray does not measurably change the  
>appearance of a radio. At least try it.

There are clear lacquers and clear enamels that are available in spray cans. Of the two, clear enamel is the more benign when sprayed on an irreplaceable finish.

Lacquer can soften and lift old finishes/lettering/whatever. It also will rapidly attack plastics.

Enamels, in my experience, have neither of these vices.

73,

Jim - km6nk

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: Sandra L Knepper <slkst29+@pitt.edu>

Subject: Re: Cleaning BAs  
Message-ID: <Pine.3.89.9509271610.A12443-0100000@unixs3.cis.pitt.edu>

My father has used Krylon spray on his Collins radios that he is restoring. He uses the clear coat. His friend, W3HM, who restores Collins radios, too also uses the matte finish that Krylon manufacturers. You should see what it does to bring out wrinkle paint. No problems after years of use. Why not be a believer, too. Forget the hytpe!

Sandra for my Dad, W3BJZ

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: mflicinski@VNET.IBM.COM  
Subject: Collins 18S-4  
Message-ID: <199509271727.MAA08751@uro.theporch.com>

Hello, I have a Collins 18S-4 aircraft transceiver plus some parts (second unit which was scrapped out) and am wondering if there is any BA value with this unit.

It appears like it would be valuable since it has an interesting tube lineup, particularly in the transmitter with an 813 final, a 1625 driver, 6AG7 multiplier and 12AU6 oscillator. The modulator is a pr of 811 driven by a 6V6 (metal) from a carbon mic transformer.

Can anyone provide additional information as to this unit's usefulness as a BA or its value?

Thanks in advance.

73  
Mike K2UXE  
Round Rock, TX (near Austin)

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: CU SeeMe SeeBA?  
Message-ID: <199509272232.PAA25388@igc3.igc.apc.org>

Occasional talk in this forum about what we might call "BAs, The Movie", in which video tapes of our various collections might be edited together and distributed, prompts me to make another suggestion.

Is there any interest in using CU SeeMe to observe each other and our BAs - live?

For the uninitiated, CU SeeMe is a program that allows you to send and receive live video (current versions for the PC support sound, too) over the Internet. In practice, one logs on to any of several CU SeeMe "reflectors" and then may see the video of all the others connected to that reflector, as well as one's own.

While some reflectors are very busy, others seem idle most of the time. It seems to me we could pick a time to connect to one of these and have a great old time. It might also be a useful way to show a BA for sale to a prospective buyer. I myself have done the "HRO Cam" occasionally, showing my HR0-5, but amazingly there was no response. Well, maybe not so amazing when one considers that most CU SeeMe users are probably not interested in technology more than 6 months old.

How about it? Are any enthusiasts out there ready to combine old and new technology to have even more fun?

Best Regards,

Dick Dillman/WPE2VT  
<ddillman@igc.apc.org>  
San Francisco

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: GALBRAITH CHRISTOPHER <99galbra@lab.cc.wmich.edu>  
Subject: DBX thing...  
Message-ID: <Pine.3.89.9509270039.A16430-0100000@grog>

Troops,  
I was given an old stereo thing--a DBX model 117 "Decilinear" Compressor/Expander. I am wondering if this could be as some pre-speech amp signal processing for AM. I don't know really what this thing does, so I can't be sure if it would be an asset or no?

I'm hoping it could be used in effect as a peak limiter or such to make my measely Ranger 35W a bit bolder. That is, 'til I'm able to construct my 4-1000 monster :)

73, Chris KA8WFC

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: Steve Ellington <n4lq@iglou.com>

Subject: Re: DBX thing...

Message-ID: <Pine.SOL.3.91.950927135524.27060B-100000@iglou2>

>  
> I'm hoping it could be used in effect as a peak limiter or such to make  
> my measely Ranger 35W a bit bolder. That is, 'til I'm able to construct  
> my 4-1000 monster :)  
>  
>Those were used to keep a constant level from a microphone or aux input  
> into a tape recorder much like a speech processor on the newer rigs. They  
> were handy for speakers that liked to move around a lot and vary their  
> vocal volume. >

Steve  
n4lq@iglou.com

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: markem@primenet.com (Mark Monninger)

Subject: Re: Easy terms....

Message-ID: <199509270308.UAA25139@usr3.primenet.com>

It wasn't only Collins and other super-expensive rigs. I bought my Knight T-60 on time from Allied Radio...\$5/mo from paper route and lawn mowing income. Actually, my folks bought it. I was 11 or 12 at the time. I also bought a Heath HW-16 on time in 1970. Even tho I had a job at the time (part-time while in college) I believe my mother had to co-sign for it. If I remember correctly, paying it off qualified me for a Heath Revolving Charge, which I used several times over the next 5 or 6 years. E Z Crredit...the American way...

Mark

(I still have the T-60 and it worked fine the last time I used it....)

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)

Subject: Re: Error Condition Re: Go Fet

Message-ID: <812243023.3495775@AppleLink.Apple.COM>

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GET BOATANCHORS BAWANT.FORSALE

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: lakeith@wrdis01.robins.af.mil (Larry Keith Mr)  
Subject: For Knightkit fans, only!  
Message-ID: <199509270052.TAA07050@wrdis01.robins.af.mil>

I'm digging around in the warehouse that I used to call my garage, trying to make some space.. So, for the T-60 and T-150 lovers, I have one Knight P-2 SWR/Power Meter. Don't know where I got it and I don't need it. Fair condition, dirty, front panel has a slight bend on the meter end (even I could straighten it out!), the remote part is minus the crinkle finish on three sides. But, after all that, it looks OK. No manual and I haven't tried it out. How about \$15 + \$5 for shipping?

73,  
Larry, KQ4BY  
lakeith@robins.af.mil

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: HAMRLUND@aol.com  
Subject: for sale....priced individualy, the peoples choice  
Message-ID: <950926221803\_30182162@emout06.mail.aol.com>

I have for sale the following Collins, sales catalogs, Sams & manuals:  
I have only \* one \* of each.  
OK, so nobody wants these as a group..so I'll price them seperately.

FEB. 1961 SALES CATALOG	\$40.00	SOLD
DEC. 1974 SALES CATALOG	\$35.00	SOLD
DEC. 1975 SALES CATALOG	\$35.00	SOLD

SAMS PHOTOFATS	\$12.00 ea.
51J-3	
75A-1	
75A-1	
75A-2	

#### MANUALS

75A-1 (COPY)	MAY 10, 1949	\$30.00	SOLD	(pending
75A-2	SEP. 26, 1951	\$45.00	SOLD	(pending
75A-3	APR. 15, 1954	\$50.00		
75A-4	MAR. 15, 1957	\$50.00		

ROUND EMBLEM

32S-1	NOV. 15, 1961	\$25.00
75S-3B & 75S-3C	FEB. 15, 1968	\$25.00 SOLD

WINGED EMBLEM

51S-1/1A/1F/1AF/1B	JUNE 1 1967	\$30.00
32S-1	FEB. 15, 1960	\$25.00
75S-1	JUNE 15, 1960	\$18.00 (GOOD FOR SERVICE)

SELL THE ABOVE PLUS SHIPPING

\*\*\*\*\*

\*\*\*\*\*

CONTACT: Robert Fowle.....Hamrlund@aol.com

Ph.517-789-6721.....

1215 Winifred....Jackson, Mich. 49202-1946

  |  |  
---|---|---> the Hammarlund guy  
  |  |

\*\*\*\*\*

\*\*\*\*\*

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: dmedley@indirect.com (David Medley)

Subject: fs Hammarlund HQ129X

Message-ID: <199509270301.UAA03273@bob.indirect.com>

I still have the HQ129X for sale. If the price was too high make a

reasonable offer.  
73 de Dave KI6QE

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: JCHol@aol.com  
Subject: FS or trade: Drake TR-4CW  
Message-ID: <950926204326\_30093154@emout06.mail.aol.com>

My cousin Todd Barker, KC5LYL, has a Drake TR-4CW, power supply and speaker for sale for \$300 or trade towards a TS-430 or other rig with led DIGITAL READOUT. Todd is sight impaired and is now unable to read the analog readout on the VFO.

I bought a Drake R-4 from Todd and it was restored to like new condition.

Contact Todd at 512-814-0765. Please don't E-mail me as I don't talk to Todd but every few weeks, and your message will get stale by then. 73 de John, WA5TWL....

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: SP600@aol.com  
Subject: HAMMARLUND  
Message-ID: <950926184615\_109717053@mail04.mail.aol.com>

Hello fellow boat anchors,

I am still looking for the following pieces of Hammarlund equipment for my collection.  
They are the Comet Pro, Pro-310, HQ-120. These will be a nice addition to my 22 different pieces of Hammarlund I already have!

Many thanks,

Charlie N9SOR

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: I Really Shouldn't Do This (SX-62)  
Message-ID: <199509272213.PAA22884@igc3.igc.apc.org>

I really shouldn't do this. I'm still recovering financially from my last flurry of BA acquisitions. But it's inescapable that the

credenza in my office is crying out for an SX-62, just like those high-powered executives in all the black & white movies have. So:

SX-62 wanted, A or B model preferred, in good condition. Naturally, the matching speaker would be a big plus.

Any suggestions for other BA receivers that might fill the bill, aesthetically and technically, would be welcome.

Best Regards,

Dick Dillman/WPE2VT  
<ddillman@igc.apc.org>  
San Francisco

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: bill@texan.frc0.com (William Hawkins)  
Subject: Re: I Really Shouldn't Do This (SX-62)  
Message-ID: <9509272346.AA08055@texan.frc0.com>

Funny you should ask, just as I am considering selling my SX62A. I bought it from a guy at Ohio State who said it had been one of two used to listen to the radio signals of Jupiter in the early days of SETI (and I have the email file to back that up).

I was going to put it on the bench this weekend to tune it up, because I've seen prices like \$250 (in HTYS) and \$300 (ARC). But I'm really not comfortable asking that kind of money for it. Not collector quality, but not bad, either. The bandswitch knob was broken in shipment to me, and there's a small dent in one corner of the sheet metal skirt that covers the big slidrule dial. I thought I could remove the dent, but I haven't tried to yet. How about \$150? No, there's no matching speaker.

Bill Hawkins bill@bvc.frc0.com 612 895-2085 Minneapolis, MN USA

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: Re: ID-263/U: Can anyone ID this?  
Message-ID: <9509271516.AA29928@syseng1.se.melpar.esys.com>

> The ID-263/U is a hand-held, self-contained RF indicator.

Well, that's a good start, but I sorta guessed that anyway from the meter markings and the fact that it has two 1N34A

diodes inside. What I'd \*really\* like to know is what the limits are? If the maximum permissible RF voltage is 25 volts RMS (an educated guess based on possible 1N34A diode ratings), than that means the unit would be limited to measuring RF voltage which didn't exceed 12.5 watts across a 50-ohm load, which sorta implies it was used with transmitters of 10 watts or less.

Any further info?

73,

Paul, K4MSG

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: lakeith@wrdis01.robins.af.mil (Larry Keith Mr)  
Subject: Interphone Equipment Tech Manual FS  
Message-ID: <199509270026.TAA05810@wrdis01.robins.af.mil>

Does anyone have a need (or want) T.O. 12R2-3-122, formerly AN 16-40RC175-2, Handbook of Maintenance Instructions for Interphone Equipments RC-34, RC-35, RC-35-Z, RC-36, RC-36-B, RC-51 and RC-175. Approved 25 Nov 44, reviewed and current as of 9 Nov 71.

Looks like a good book for the old aircraft restorer... This is a real tech manual, not a copy. In perfect condition, if you discount the yellowing of the pages. About 40 pages.

Would be willing to trade for a manual for my Gonset 6M Communicator III or sell it for \$10 postpaid.

73,

Larry, KQ4BY  
lakeith@robin.af.mil

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: gcarter@Libris.Public.Lib.GA.US (Greg Carter)  
Subject: Just Rcvd HQ-129-X  
Message-ID: <9509272354.AA16368@Mail.Public.Lib.GA.US>

Hello to all the BA junkies!

Just wanted to tell the group about my recent good luck. I happened to be listening to one of the "trader nets" on 75 meters about 2 weeks ago and a fellow listed a Hammarlund HQ-129-X for sale..."make offer" .

Well I thought why not call and see what gives. Upon talking with the gentleman, I found out that he had purchased the receiver at a local yard sale and found upon his return home that the receiver, which had been advertised as "working" , had a few problems.

I asked him what condition it was in.....he replied that the cabinet was in good shape, no dents or scratches, the front panel was good except for a worn place around the Audio Gain control on the lower right. He said the inside was dusty but everything was there.

So I bit. I asked him what he was looking to get out of it and he said for me to make an offer. I almost hesitated to do it but \$50 immediately came to mind....I had already seen several of these lately with \$150 plus price tags and one at Shelby for \$185...so out came the \$50 offer and he immediately accepted and then told me he would ship for that!!!!!

Well, the receiver came today, very well packaged and it's condition is as described. The cabinet is in excellent shape and will clean up just fine with a little soap and water. The inside is not very bad at all compared to some other BA's I've seen recently. The main flaw is the severely worn place around the Audio Gain control...all the gray panel paint is gone in about a 1" circle around the knob....

Question: Is there a remedy for this??? Does anyone re-do Hammarlund panels?? It's such a shame as the rest of the panel is in such good shape.  
"Hammarlund" and "HQ-129-X" are in red for those that may be wondering.

Sorry for the bandwidth, but had to share my excitement over the new BA winter project on the bench!

73 to all, Greg

KX4R

p.s. all the knobs even look good!

gcarter@mail.public.lib.ga.us

Greg

KX4R

e-mail: gcarter@mail.public.lib.ga.us

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: KS0F@aol.com

Subject: Kits

Message-ID: <950927134336\_110636870@emout06.mail.aol.com>

I seriously believe E.F. Johnson could advertise preproduction orders for Kit Rangers and produce a 1996 or 97 Ranger 1 or 2 or

maybe even both and make a profit. Of course it would have to exclude 11 meters for type acceptance. They could leave out the tubes (their biggest production problem) (We can supply those ourselves). How about a factory p.t.t. mod kit?

73 de KS0F

I'll quit dreamin' when I quit breathin'

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: Steve Ellington <n4lq@iglou.com>  
Subject: Re: Kits  
Message-ID: <Pine.SOL.3.91.950927134917.27060A-100000@iglou2>

> I seriously believe E.F. Johnson could advertise preproduction  
> orders for Kit Rangers and produce a 1996 or 97 Ranger 1 or 2 or  
> maybe even both and make a profit. Of course it would have to

Yea and you could figure on it costing about \$3,000, having a simulated metal cabinet with a little tag on the back that says ...Made in Mexico..

>

Steve  
n4lq@iglou.com

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: Nick England <nick@cs.unc.edu>  
Subject: re: Kits  
Message-ID: <199509271903.PAA03427@altair.cs.unc.edu>

KS0F suggests a Ranger III kit. Perhaps the collective knowledge of the boatanchors gang is enough to figure out what this would take.

Doing so sounds like an interesting project to me. I know what it takes to develop and manuf modern computer gear, but don't have experience with developing and manufacturing something like a 1950's transmitter. Do we have enough experience here on line to come up with some reasonable cost estimate and figure out what the selling price would have to be ??

1) Does anyone really know what typical costs were on something like the Ranger II ? Engineering development, Documentation, Production, etc ?? Chuck, do you have any estimates of how much development work Heath put into a kit of similar complexity ?

2) Does anyone have data on current kits such as those in the audio field ?

3) What components would need to be manufactured and couldn't be bought directly from a current supplier?

Readily available

-----  
Resistors, caps, wire, sockets, hardware  
VFO, driver, final variable caps ???

Must be manufactured

-----  
VFO, driver, final coils  
power, AF driver, mod xfmrs ?  
p/s choke  
chassis, cabinet, misc. sheet metal  
front panel  
band, mode switches

4) Finally, what would YOU pay for a Ranger III kit ? How big do you think the market is at various price points ?

\$400 selling price ?

\$500 ?

\$800 ?

\$1000 ?

5) here's a totally wild guess from me - what's yours ?  
(assume \$300 direct parts & labor cost per unit)

Development costs -	\$150,000
Marketing/sales costs	50,000
Cost of goods sold (1000 units)	\$300,000
Total cost (1000 units) -	\$500,000

Break even sales:

1000 units @	\$500.00 ea. (less tubes)
500	@ \$700.00 ea
333	@ \$900.00 ea
2000	@ \$400.00 ea.

- OOOOF!! That sounds pretty tough to me !!

Nick KD4CPL

(I'd probably buy one at \$500, but I'm not so sure there are 999 other loonies out there)

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: "Greg Parsons A.K.A. Rat" <gregp@galileo.mis.net>  
Subject: re: Kits  
Message-ID: <9509271953.AB21875@galileo.mis.net>

>To: nick@cs.unc.edu  
>From: "Greg Parsons A.K.A. Rat" <gregp@mis.net>  
>Subject: re: Kits  
>  
>At 02:05 PM 9/27/95 -0500, you wrote:  
>  
>>Break even sales:  
>> 1000 units @ \$500.00 ea. (less tubes)  
>> 500 @ \$700.00 ea  
>> 333 @ \$900.00 ea  
>> 2000 @ \$400.00 ea.  
>>- 000F!! That sounds pretty tough to me !!  
>>  
>>Nick KD4CPL  
>>(I'd probably buy one at \$500, but I'm not so sure there are  
>> 999 other loonies out there)  
>>  
>  
>Nick,  
> We only need 998 more now! I would buy one at the \$500 price range.  
>  
>73,  
> Greg  
>  
---  
Out of the night skies, Women with fat thighs, Picking up dead guys,  
Blowing thier horns, Its not a redhead, Its not a brunet, Who can it be?  
Must be a blonde!

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: "rohre" <rohre@arlut.utexas.edu>  
Subject: Kits alive and well in QRP, tubes soon  
Message-ID: <n1399898253.77743@msmailgw1.arlut.utexas.edu>

For those lamenting the demise of building and kits:  
There are a number of fine kit manufacturers of QRP rigs. Ten Tec among them.

Now recently, a group of the QRP-L crowd have started exchanging ideas for a  
tube based simple transmitter, and that will lead no doubt back to some

receivers.

Any here that might be interested in future tube kits for recreating some of the Pop Tronics thrills of our past like the Sandwich box transmitter can subscribe to QRP-L, by sending email to listproc@lehigh.edu, saying in text "subscribe QRP-L <name>".

Watch for postings about the Glowbugs, the tube following over there. "Nuts and Volts" magazine carries ads for kits as well.

By some of the questions on sources of circuit boards for project building, I wonder if some ever read 73 or QST anymore. Far Circuits advertises and supplies boards for most construction projects that come up in those, and in the QRP magazines. I would imagine, should there be a desire to replicate late BA equipment that utilized tubes on circuit boards, they might be able to handle that. Somehow, my favorite BA construction is the point to point wiring using terminal strips and the tube socket lugs. I feel it is more of a challenge to do good point to point layout, and avoid all the pitfalls, than a simple circuit board layout, single sided, as the early tube based circuit boards were. The challenge with them, was to layout and remove the heat effectively to avoid warping the boards, or overheating them; something Heath sometimes did not do well. Many of the early PC 5 tube AC/DC sets suffered this as well, as the properties of early paper based phenolic boards were not taken into account, and it was some time before glass epoxy boards came in.

Does anyone know what BA communications receivers were the first to use circuit boards of any type?

Did any ham BA transmitters or transceivers ever use circuit boards?

For our overseas readers, I know in U. K. Radio Spares Co. made "tag boards" widely sold in 1965, that were a phenolic board with lug terminals, so components could be grouped upon them, but was this used in BA Communications equipment, or anything like that in Europe itself?

I remember the modular Racal receiver in the late 50's? that had a casting or milled out compartments for each stage, but did this have point to point wiring inside those, or components grouped on some kind of terminal board?

As to components for BA building, I understand the "Millen company" (in some form) was advertising in Communications Quarterly last year, and they said they still could supply the line of Millen tube caps, sockets, etc. and I wondered if this was NOS, or did they buy the dies and molds from James Millen. Hank Vancleef and I have talked a little about this, as he worked for James Millen Co., but I have not heard about the present co. and whether it is catering to the restoration trade. Many of their parts were common to National equipment, for of course Millen had been chief engineer at National. It seems there is little demand for the ceramic components today.

Didn't the Coors Company of Col. make ceramics for high power transmitters or

perhaps capacitor companies at one time? They seem better known for their liquid products today! What do present vendors of Broadcast equipment do today for ceramic feedthrus, high voltage connectors, etc.? I don't see the old type of components in new Ham amplifiers from ETO, etc.

Anyway, back to restoring old BA's. Anyone have any experience with a B&W Matchmaster model 650? Dates sold, what they were, (are) worth? It appears to be 50's style louvered cabinet, blue, with grey front panel trimmed in white with the Barker and Williamson Red and White logo. It is both a Power Meter, and SWR meter, but by its construction, I wonder if it was rated all the way to 10 meters?

The load was paralleled power resistors, compensated with Hammerlund APC caps or similar. The diodes in the SWR sensors are large cased 1N34 Germanium, and the resistors are all large body carbon types. Is this one of the earliest SWR instruments?

Thanks in advance for any info,  
Stuart K5KVH  
rohre@arlut.utexas.edu

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: KS0F@aol.com  
Subject: NC300 info  
Message-ID: <950927131901\_110621069@mail04.mail.aol.com>

Greetings All,

I know, I know,,it's hard to believe that I made a mistake but I did. I have misplaced the request from another anchorite on mod info on the NC300. So, please let me post it here and let others (I can't imagine more than a couple) who might be interested get it too.

Electric Radio

#18 Vintage prod review of NC300 by Kleronomos

#35 Audio mod for the NC300 by Jurgens

#41 Update to the NC300 by Petrich (This is main info on fix/mod)

#42 Update to the update by Petrich

If you don't get/have ER you can call Barry Wiseman 303-247-4935 as mentioned in an earlier post by someone else to buy individual copies. It's worth the time and effort in my opinion on a stock 300.

A few nights ago the almost 2000 bux fareastern WHIZBANG 100FB

(FB for flash and beep) was hearing the boys chasing a 4x4 on 160

cw but no 4x4. A turn of the B&W switch to the NC300 and there

he was! Quickly back and forth between the WHIZBANG and the

300. The WHIZBANG did not know he was there and the 300 got

copy. The NC300 is an AM receiver but works very well with the

above mods. Not as good as the 75S3 or Drake 2B but better S/N

than the WHIZBANG (especially) on lower freqs and less fatigue

listening on SSB. Mine's not going anywhere,,,what else can I say?

73 de KS0F Mike

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: Michael.J.Knudsen@att.com

Subject: Re: Need XTALs for Viking II

Message-ID: <9509261632.AA06289@bock.ih.att.com>

I do have some color TV xtals at 3.579+ MC.

Could adapt those into the VIking II and at least troubleshoot the stages and load up my dummy load.

I'm curious to know whether BA types hang out on 3580 KC just cuz the rocks are so easy to find. This oughta get my code speed back up there...73, mike k w9nrd

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: Jeffrey Herman <jeffrey@math.hawaii.edu>

Subject: Re: Need XTALs for Viking II

Message-ID: <Pine.SUN.3.91.950926180424.19892C-100000@kahuna>

> I do have some color TV xtals at 3.579+ MC.

> Could adapt those into the VIking II and at least troubleshoot the stages > and load up my dummy load.

> I'm curious to know whether BA types hang out on 3580 KC just cuz the rocks >are so easy to find. This oughta get my code speed back up there...

>73, mike k w9nrd

The QRP folks have made good use of these color TV xtals. I believe QRP-NE churned out many many xmtr kits just for the purpose of having a QRP calling/hangout freq of 3579.

This brings up the question as to why the hams never implemented calling freqs the way the maritime community did (500 kc). Just think how convenient it would be to listen to the 40M calling freq - a quick CQ flies by, someone answers, then both ops QSY to another freq keeping the calling freq clear for another call. You could pick and choose who you'd want to answer, or just read the mail as calls come and go and folks QSY. You'd always know where to find someone (actually everyone) - they'd be listening to the calling freq.

Uh oh - this isn't a BA topic... =:o

Jeff NH6IL (ex WA6QIJ)

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: "S. Miller" <smiller@motown.ge.com>  
Subject: Packrats Hamfest Oct 1, Any BA'ers Going?  
Message-ID: <199509271309.JAA10774@bear.MOTOWN.GE.COM>

This is usually a good but crowded fest I'll probably sell some odds and ends but it would be nice to have an eyeball with anyone who is interested.  
Steve Kd2Ed

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Al Klase <alklase@village.ios.com>  
Subject: Re: Packrats Hamfest Oct 1, Any BA'ers Going?  
Message-ID: <Pine.BSD.3.91.950927102453.27841A-100000@village.ios.com>

Yes I'll be there as a vendor. I'll have a couple of anchors up for grabs. Look for Elvira hawking tubes! Any one care to suggest a 2-meter freq. to coordinate?

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: skorze@magicnet.net (Stan Korzep)  
Subject: Panel Refinishing \$\$  
Message-ID: <199509262344.TAA20191@magicnet.magicnet.net>

Dave: Give us an idea what new Ranger panel finishing is worth.

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: RANDY@sbii.sb2.pdx.edu  
Subject: Re: R-392  
Message-ID: <26FDF604ABF@sbii.sb2.pdx.edu>

Yo there,

With all the recent talk of R392s, has anyone figured out how to improve the dynamic range of these sets. Mine hears mixed AM broadcast signals, and hash modulated at the rate of envelope modulations of various AM broadcast stations, up and down the HF bands (mostly from 5-11 MHz).

I should add that no other receiver I have, even ones with much less front end selectivity, when hooked to the same antenna hear as much wrong stuff.

If the darn thing was not so prone to detecting garbage it would be a very nice little receiver.

Any engineers out there?

=Randy=  
WB6MAI

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Michael.J.Knudsen@att.com  
Subject: Re: R-392 lubing (and its brethren)  
Message-ID: <9509261857.AA06399@bock.ih.att.com>

One nice thing about R392s, compared to other R39xx family members, is there usually isn't a lot of dirt and dust on the gears. So you don't have to be as concerned with cleaning before the actual lubing.

Personally, I use Lubriplate grease on the cams and roller-guide slots, and motor oil (either auto type or 3-in-1's "motor oil") on the bearings of shafts and gears, and the rollers. NOTHING on the coil slugs.

Maybe a lighter oil, like regular 3-in-1 on the digit counter -- a little stiffness here feels really bad in the dial.

BTW, it's not needed or even desirable to oil gears on their teeth. Just on the shaft end bearings. Of course it's hard to get all the bearings without getting some on the teeth, and for the differential adder assembly you just have to slobber the whole thing.

Check the individual disks on the 10-turns limiters -- if they are free to move easily, good; but otherwise clean and then lube with motor oil.

Other good oils are Hoppy's (used for guns and computer printers) and the stuff put out by Teletype, of which I managed to scrounge a half pint long ago.

WD40 will get out dirt and moisture but is not a long-term lubricant, and you don't need its fumes inside your R392. 73, mike k w9nrd

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: tech@cs.athabascau.ca (Richard Loken)  
Subject: re: R-392 lubing (and its brethren)  
Message-ID: <m0sy1PH-0018NsC@aupair.cs.athabascau.ca>

Mike says:

>Maybe a lighter oil, like regular 3-in-1 on the digit counter -- a little  
>stiffness here feels really bad in the dial.

You might try sewing machine oil instead of 3in1, it doesn't turn to goo like  
regular 3in1 sometimes does. I use 3-in-1 motor oil but I use Singer sewing  
machine oil if I want something lighter. They make a nice grease too.

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those  
Athabasca University : tuques we wear, our heads  
Athabasca, Alberta Canada : are naked!"  
\*\* tech@cs.athabascau.ca \*\* : - Arthur Black

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: jmartin@hrlban1.aircrew.asu.edu

Subject: R-392 lubing/oil

Message-ID: <SA39+4j00ka@hrlban1.alhra.af.mil>

For a very fine oil which doesn't gum up over time, get watch or clock oil. It's  
also used in the tiny axles of the action on a flute (my wife uses it). Another  
candidate would be oil specifically for musical instruments like trumpets,  
and this should be available at musical instrument repair shops.

73, John Martin

jmartin@hrlban1.aircrew.asu.edu

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: Michael.J.Knudsen@att.com

Subject: Re: R-392 lubing/oil

Message-ID: <9509272133.AA06814@bock.ih.att.com>

Watch or clock oil is indeed good stuff.

However, trumpet valve oil is too thin, and evaporates in a few days,  
and does leave a residue after a while (we brass players do have to  
disassemble and clean our valve pistons and cylinders every month or so).

The French Horn player in my brass ensemble uses trumpet oil on  
the rotary valve surfaces of his horn, but oils their bearing points  
and the lever action with -- ta da -- 3-in-1.

One advantage of an R392 over lots of other radios is its hermetically sealed  
cabinet. You don't have to worry about your oil attracting dust.

You still must worry about evaporating and gumming up, tho.

73, mike k w9nrd

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: dma@IslandNet.com (Jan Skirrow)

Subject: R390 - News from the Front  
Message-ID: <m0sy4R4-0005VdC@island.amtsgi.bc.ca>

UPS just dropped (placed gently (!!)) one of Fair Radio's R-390s on my porch. I ordered one within minutes of seeing the first BA post about their availability awhile back. I've missed some real treasures in the past, so threw caution to the winds for this rare opportunity and went for it. The price was high, but there won't be many more such receivers available, especially as government rebuilds.

Later BA posts made me wonder if I'd made a serious error! However, the receiver exceeds my expectations. It is cosmetically perfect, made by Collins, and so far seems electrically perfect as well. It came with the power cord, an original operator's manual, and most of the spares it should have had. Fair seems to have removed only duplicate tubes - the pack has one of each type, including the 3TF7 ballast and 6082WB audio. Unfortunately it doesn't have the bristol tool, tube pullers or pin straighteners that apparently should be mounted on the rear panel.

Fair's trademark packing was evident - scrunched up newspaper. But fortunately they had kept most of the cardboard baffles that would have been part of the original packaging. They also used pieces of plywood to protect the front and rear of the unit. All in all, adequate (barely) packaging.

Now I wonder if I should keep my R-390A, lovingly restored over the past two years to good working condition. Probably will!

Jan Skirrow  
VE7DJX

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: R390 - News from the Front  
Message-ID: <199509272219.PAA23629@igc3.igc.apc.org>

> Now I wonder if I should keep my R-390A, lovingly restored over the past two years to good working condition. Probably will!

Such a question. Of \*course\* you must keep it!

I'm very glad to hear that the R-390 was all you hoped for.  
Acquiring such things is of course the thrill of the game.

Best Regards,

Dick Dillman/WPE2VT  
<ddillman@igc.apc.org>  
San Francisco

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: TOM.A.ADAMS@mail.admin.wisc.edu

Subject: Re. Color TV Converters

Message-ID: <F9RH4335.F9RH4348@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Hello troops.

Even tho the subject of this thread is those plastic filters that used to be sold for your old 17" Philco B&W, it reminded me of something else.

In my library of oddball technoliterature I have a bound copy of RCA's original submission to the FCC for approval of thier compatable color TV system (essentially the same system used today in all areas where NTSC color is used).

This thing is a VERY large book, like 1000 pages including photographs. It should be titled "Everything you ever wanted to know about ANY aspect of Color TV, but didn't have the time to ask"!

Besides showing early, hand built lab models of color sets (including two different experimental versions which used THREE cathode ray tubes with color filters!), there is a short chapter on electronic converters for connection to existing monochrome TV sets, which includes pictures of 2 hand built samples.

These critters essentially were cabinets containing a CRT and associated flyback high voltage power supply, the IF strip and demodulating circuitry, and the supplies necessary for running it all.

RCA was probably not too hot on the idea of converters and didn't want to even consider development of them, but I'd have to agree with thier conclusions.

They said essentially that converters weren't practical, because they cost almost as much as the monochrome sets they were attached to. The only thing the converters were able to use from the parent sets was the RF circuitry and audio stuff. Even the IF strips were too narrow to give adequate response for the color subcarrier information.

73's,

Tom, K9TA

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: "Cain, Jim, K1TN" <jcain@arrl.org>  
Subject: Removing gunk  
Message-ID: <306949A1@arrl.org>

In the recent thread about cleaning agents I did not see Goo-Gone mentioned; I discovered this product a couple of months ago when I needed to remove the remains of some of those little 2-sided adhesive pads that I (stupidly) used to attach a mirror to painted sheetrock.

The Goo-Gone turned out to be very benign; it softed the glue so I could then just rub it off with a fingertip and left the painted surface beneath unmarred.

Which leads me to ... the SX-111 I recently acquired has some corrosion on the chassis, which I shall not touch. But it isn't really corrosion, but rather appears to be the remains of something spilled. The same gunk is on the top of the tuning capacitor, and fairly thick. It looks awful and I can't help but feel that the radio would work better if I removed it (I know I would FEEL a lot better).

Any thoughts?

Jim Cain K1TN

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: HAMRLUND@aol.com  
Subject: Re: Reposting... please DON'T / my apologies to all  
Message-ID: <950927091519\_30581456@emout04.mail.aol.com>

In a message dated 95-09-27 00:58:44 EDT, you write:

>This makes the THIRD time your post has been through the list

that is true jack, but had you read the third post you would have seen it was not the same as the first two, actually the second post was different too in that i had added items to it that were not on the first. but never the less, my apologies, too you, and too the group. i should have just sent it too the mailing list i have (about 200 + and growing) all of whom are from the BA list, but thought it may have been of interest too some of the others. and

your correct in assuming, that i did not recieve your post on the mail problem. again, my apologies too all.

robert

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: rmccarty@deltanet.com (Roger McCarty)  
Subject: Some things I am looking for:  
Message-ID: <9509271615.AA12064@server1.deltanet.com>

Hi all,

I am looking for the following items;

Hallicrafters SX-146 Receiver

Hallicrafters HT-46 Transmitter

Galaxy SC-550A Speaker Console (\*Blue\* stripe across the top)

Galaxy LA-550 Amplifier

If you have any of these or know of someone who may, I would appreciate hearing from you. If you have them, please describe condition and asking price.

Thanks!

Roger

Roger A. McCarty  
rmccarty@deltanet.com  
ARS KD6CC

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: jml@spider.lloyd.com (Jim Lockwood)  
Subject: Re: Suzie Homemaker sprays and such...  
Message-ID: <m0sx1QI-000Ts5C@spider.lloyd.com>

At 08:21 AM 9/25/95 -0500, don merz wrote:

> Why would we EVEN CONSIDER hosing down a piece of gear?

Best reason I can think of is that removing 40 years' buildup of dust, crud, and nicotine goop by washing can fix a plethora of maladies all at once:

Tuning mechanisms get smoother.

Switch contacts make better contact.

Rotary switches turn more freely.

Volume controls and other potentiometers get "quieter"

Tube socket imtermittants go away.

These benefits have been the reasons I've washed nearly all the radios that follow me home.

73,

Jim - km6nk

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: w7ni@teleport.com (Stan Griffiths)

Subject: Re: Suzie Homemaker sprays and such...

Message-ID: <199509270633.XAA25983@desiree.teleport.com>

>At 08:21 AM 9/25/95 -0500, don merz wrote:

>> Why would we EVEN CONSIDER hosing down a piece of gear?

I can think of two reasons: Time and money.

If you have 200 pieces of Tek gear to restore, like I do, and you spend \$2 for swabs and various special cleaners on each one plus 3 hours of labor, you are talking about \$400 and 600 hours. I can wash a scope and 5 plugins in 1 hour. That would be about 35 hours and \$20 for the 200 instruments.

Stan W7NI@teleport.com

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: Andy Wallace <wallace@mc.com>

Subject: Re: T-19 80m ARC-5 restoration

Message-ID: <9509270400.AA00252@walnut>

More than one person has asked about the ARC-5 articles from Electric Radio, so I'll post them to the Group:

Electric Radio back issues are \$3.25 each, all issues available.

Electric Radio, P. O. Box 57, Hesperus, CO 81326

Phone/FAX (970) 247-4935

Command Sets, part 1: issue 11

Command Sets, part 2: issue 12

The Command Set Triplets (receivers): issue 74

On the Air with the Command Sets (transmitters): issue 75

The first two are by Walt Hutchens, as part of his Electric Radio In Uniform column. They deal with these sets as originally designed.

The last two are by the "BA list's own" Jim Hanlon, and he deals with getting MODIFIED command sets back on the air to use and enjoy.

There may be another mention of the ARC-5 series in ER..these were the first four that I found.

I could use the plate which covers the finals...anyone got one for sale?

--Andy  
wallace@mc.com

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: Andy Wallace <wallace@mc.com>  
Subject: Re: T-19 80m ARC-5 restoration  
Message-ID: <9509270620.AA00372@walnut>

----- Begin Included Message -----

From: Jack Taylor <n7oo@hereford.ampr.org>  
Subject: Re: T-19 80m ARC-5 restoration

>I could use the plate which covers the finals...anyone got one for  
>sale?

Until one comes along, you could make a substitute out of a piece of  
thinnish aluminum (about the same thickness as the osc cover lid)

Gee, this  
sounds like so much fun, almost wished I had a similar command transmitter  
to fix up!

----- End Included Message -----

Hmm, maybe I should just leave the cover off. Lay my left hand on  
the plates and just tune for maximum palpitations!

And as for finding one yourself, I am sure they are out there. I'm going to be keeping my eye out for a 3-6 Mc receiver, now, but I don't ever remember seeing ANY ARC-5 receivers at the New England fleas I've been to.

And folks, I'm still wondering what the pins on the back connector go to. I have partial diagrams...but I don't think I have the complete original layout. Like f'rinstance, B+ and filaments I know what to do with, but where are the keying inputs, and how much voltage does the relay get? etc., etc.

I assume a simple cap-choke power supply would work with this, and it seems like 500V or so might get me a handful of watts out. Rambling from others is most appreciated..send privately if you'd prefer.

--Andy  
wallace@mc.com

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: KS0F@aol.com  
Subject: RE: There they go.  
Message-ID: <950927105011\_30624052@mail04.mail.aol.com>

Greetings All,  
I believe this is known as the spoils of war.

73 de KS0F

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: "David W. Barts" <davidb@ce.washington.edu>  
Subject: Re: Tube AF amps for rice boxes  
Message-ID: <Pine.HPP.3.91.950926175213.14997D-100000@atlas.ce.washington.edu>

I have two tube amps. One is an old PA amp that was given to me, one was removed from an old RCA console Hi-Fi; I picked it up at a flea market for \$7.00. Both needed a re-capping (for the paper caps only; the electrolytics re-formed just fine) and now work like new. The PA amp also had some frozen controls (freed right up by when sprayed with Caig Deoxit D5) and a missing fuse holder (replaced with one from -- horrors! -- Rat Shack)

I have seen old console Hi-Fi's at local estate sales several times; asking price is usually \$10. Why bother building one from scratch when you can fix up an existing one for less?

Make that three tube amps... forgot about the one Roy Morgan bid on for me that just came in the mail last week.

Haven't tried hooking any of them up to the Icom yet. May give it a try tonight.

David Barts N5JRN | UW Civil Engineering, Box 352700 | Seattle, WA 98195-2700  
davidb@ce.washington.edu | <http://www.ce.washington.edu/~davidb>

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: jmartin@hrlban1.aircrew.asu.edu

Subject: TV-7 Adapter

Message-ID: <SA39+Ew00ka@hrlban1.alhra.af.mil>

John Michael@ecs.umass.edu asked about the adapter type E105 needed to test a 3E29/829B on a TV-7 tube tester. The TV-7 does not have a socket on its front panel to fit an 829, so a socket adapter is required. One could fabricate one using a septar socket and a conventional base from a dud tube.

73, John Martin

[jmartin@hrlban1.aircrew.asu.edu](mailto:jmartin@hrlban1.aircrew.asu.edu)

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: MICHAEL@ecs.umass.edu

Subject: TV-7 question

Message-ID: <01HVRX0VM9QG95MQPM@ECS.UMASS.EDU>

Greetings

I need to test a 3E29/829B on my trusty TV-7 tube tester. The manual gives the settings and then adds this cryptic note: use adapter E105  
Anyone know what this is?

Thanks

-John [michael@ecs.umass.edu](mailto:michael@ecs.umass.edu)

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995

From: "Cain, Jim, K1TN" <jcain@arrl.org>

Subject: Re: Unbuilt kits

Message-ID: <30694625@arrl.org>

The museum in the ARRL HQ lobby has not had a genuine curator for some years but stuff continues to be taken in and stored for someday...

I personally am not involved in the museum here but hope to be sometime in the future...

There is a rumor that an unbuilt Ranger is hanging around here, in storage but I also heard a rumor that the rumor was false.

I have always thought that it would make a marvelous display to lay out an unbuilt kit in a big display case, so the thousands of visitors every year could get a feel for what one of those complex kits entailed.

Jim Cain, K1TN  
ARRL Senior Editor

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From: Steve Ellington <n4lq@iglou.com>  
Subject: Re: BA Prices(Oh, No..not AGAIN!!)();>  
From boatanchors@theporch.com Wed Sep 27 20:05:00 1995  
From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>  
Subject: Unbuilt Kits & Such  
Message-ID: <30699716@smtptime.rfc.comm.harris.com>

A few years ago, at the AWA convention near Rochester, a new, unopened Hallicrafters SX-25 appeared in the Flea Market. One of the AWA'ers bought it and held a "box opening" party. Now I wanna tell you, there is nothing like opening a 50+ year old BA. No full restoration, no matter how well done, matches the pristine beauty of an untouched piece of gear. The luster of the paint, the smell, the sheen (yes, sheen) on the knobs, the crisp paper work..... nothing can match that thrill. I'm not sure where it is now, I think John Nagle (SK) got it and then - who knows. One could argue whether opening it was the right thing to do or not, but it wasn't mine - and it was a great party !! 73, Ed K2MP @ Rochester  
emg@rfc.comm.harris.com

From boatanchors@theporch.com Wed Sep 27 20:05:00 1995

From: don merz <71333.144@compuserve.com>  
Subject: Valiant II, Panadapter, CBs FS  
Message-ID: <950927165152\_71333.144\_DHQ42-1@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.  
412-234-8819 (weekdays, EST or leave a message anytime).  
71333.144@compuserve.com

E. F. Johnson Viking Valiant II, 160 - 10 meter plate-modulated AM/CW transmitter at the top of its class in the early 60's. Has a few paint chips on the front panel, but the unit looks near-mint inside and out. I am the third owner. With original manual and original owner's letters about different (minor) factory changes. \$525  
Panoramic Model PCA-2T-200 Panadapter. Clone of Hallicrafters SP-44. This one has a very clean black wrinkle finish with a near-mint front panel and it works okay too. Copy of original QST article included. Excellent. \$159

11 METERS

Polytronics Lab Poly Comm Sr. 23 tube-type CB. With ring and message light features. Beautiful beige wrinkle panel with chocolate brown case and knobs. With matching stainless steel turner hand mic, AC cable and DC cable. It takes a critical eye to locate any part of this unit that does not look brand new. Includes base-staion bracket and carry handle.  
Working. Excellent. \$77

Polytronics Lab Poly Comm Sr. 23 tube-type CB. Same as above in just fair condition. As-is. Untested. \$27

Browning Golden Eagle CB rig, S-23 and R-27. Excellent. Works but has hum in audio. \$187

Fanon FCB-33A "Explorer" single channel CB walkie talkies. 2 walkie-talkies with vinyl slipcases, original box and paperwork. Like new in every respect except that the tip of one of the collapsible whip antenna is broken off.  
Really neat collectible. One works one doesn't. \$37

Regency "Range Gain" 23 channel tube-type CB transciever. 110vac and 12vdc (vibrator) supplies built-in. With matching original PTT hand mic and DC power cord. No AC power cord. All original and looking pretty nice.  
Untested and chassis needs cleaned. \$29

From boatanchors@theporch.com Wed Sep 27 10:43:00 1995  
From: "John H. Dilks" <71213.1115@compuserve.com>  
Subject: Vintage Meet - NJ - Oct 7  
Message-ID: <950927123134\_71213.1115\_GHL97-1@CompuServe.COM>

NEW JERSEY ANTIQUE RADIO CLUB  
RADIO SWAPMEET

Saturday, October 7, 1995

Hightstown Country Club Ballroom

The New Jersey Antique Radio Club will present its all-outdoors Fall swapmeet at Hightstown, 7 AM to 1 PM, with seller setup beginning at 6:30 AM. Vendors will be offering a spectrum of collectible old-time radios - table-model, console, transistor, Bakelite, communications - with related literature and parts. Food and beverages available. Ample on-site parking for \$2. Everyone is welcome!

Directions: The location is off NJ Route 33, reached from Exit 8 of the New Jersey Turnpike. From the Turnpike exit, go east on Rte. 33 about 200 yards past Mom's Peppermill restaurant. Continue ~ mile to the first jughandle and loop west. At the first traffic light, bear right onto Monmouth St. Look for the white building, the "Hightstown Country Club Ballroom," about 300 yards on the left.

For out-of-area visitors, accommodations are available at the Ramada Inn directly across Monmouth St. [(609) 448-7000]. On Rte 33 nearby are the Day's Inn [(800-DAYS-INN, or (609) 448-3200] and the Town House Motel [800-922-0622 from out-of-state, or (609) 448-2400 within New Jersey].

Seller rates are \$15 per table (\$3 discount to NJARC members). To reserve a table, please send a check payable to NJARC to: Onalee Fisher , 344 Harrison Ave., Manville, NJ 08835 by Oct. 3. Contact: Onalee Fisher at (908) 725-7476.

Formed in mid-1992, NJARC now has a membership above 120. The club meets at Grace Lutheran Church on Corner of Old Route 33, Park Ave., and Rt 537, Main Street, in Freehold, New Jersey on the second Friday of each month at 7:30 PM. Visitors are welcome. For details, see any recent issue of Antique Radio Classified or the AWA Old Timer's Bulletin.

73' -and- See You There - K2TQN